Datasheet for ABIN7599285

anti-PHYHIPL antibody (AA 1-336)

Go to Product page

Overview

Quantity:	100 µg
Target:	PHYHIPL
Binding Specificity:	AA 1-336
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHYHIPL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-PHYHIPL Antibody Picoband®
Immunogen:	E.coli-derived human PHYHIPL recombinant protein (Position: M1-D336). Human PHYHIPL shares 97.3% and 96.7% amino acid (aa) sequence identity with mouse and rat PHYHIPL, respectively.
Characteristics:	Anti-PHYHIPL Antibody Picoband® (ABIN7599285). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PHYHIPL
Alternative Name:	PHYHIPL (PHYHIPL Products)
Background:	Phytanoyl-CoA hydroxylase-interacting protein-like is an enzyme that in humans is encoded by the PHYHIPL gene. PHYHIPL (phytanoyl-CoA 2-hydroxylase interacting protein-like), also known as phytanoyl-CoA hydroxylase-interacting protein-like, is a 376 amino acid protein that contains one fibronectin type-III domain and belongs to the PHYHIP family. Conserved in chimpanzee, canine, mouse, rat, chicken, zebrafish and Caenorhabditis elegans, PHYHIPL exists as three alternatively spliced isoforms. PHYHIPL is a down-regulated target of IRX1, a homeobox tumor suppressor gene linked to gastric carcinoma. PHYHIPL may also play a role in the development of the central system. The gene that encodes PHYHIPL maps to human chromosome 10q21.1.
Molecular Weight:	40 kDa
Gene ID:	84457

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Fu, H., Ge, B., Chen, D., Wu, Y., Luo, Q., Li, X., ... & Tang, Q. (2019). Phytanoyl-CoA 2-hydroxylase-interacting protein-like gene is a therapeutic target gene for glioblastoma multiforme. Medical Science Monitor: International Medical Journal of Experimental and Clinical Research, 25, 2583. 2. Sugimoto, H., Horii, T., Hirota, J. N., Sano, Y., Shinoda, Y., Konno, A., ... & Sadakata, T. (2021). The Ser19Stop single nucleotide polymorphism (SNP) of human PHYHIPL affects the cerebellum in mice. Molecular Brain, 14, 1-9. 3. Ying, H., Zheng, H., Scott, K., Wiedemeyer, R., Yan, H., Lim, C., ... & DePinho, R. A. (2010). Mig-6 controls EGFR trafficking and suppresses gliomagenesis. Proceedings of the National Academy of Sciences, 107(15), 6912-6917.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.